

ANALYTICS AND CONTROL

2017. Vol. 21, No. 2

CONTENT

p.

DEVICES AND METHODS OF CONTROL

Informative nature of the electronic nose output signals based on the piezoelectric sensors <i>T.A. Kuchmenko and A.A. Shuba</i>	72
Determination of E102, E110, E122, E124 synthetic dyes in soft drinks by modified piezosensors <i>S.A. Khalzova, D.A. Krivonosova, A.N. Zyablov, O.V. Duvanova</i>	85
Features of calculating the effective atomic number of complex media by attenuating radiation of various energies <i>A.N. Eritenko, A.L. Tsvetyanskii and A.A. Polev</i>	93
Atlas spectrum of gas discharge DVS-25 lamp in the range of 320-1100 nm <i>E.G. Silkis, A.S. Stankevich, A.V. Shonenkov</i>	103
Determination of heavy metals in mussels <i>Mytilus galloprovincialis</i> Lamarck using the ICP-AES method <i>Z.A. Temerdashev, I.I. Eletsii, A.A. Kaunova, I.G. Korpakova</i>	116
Revealing compounds unstable during gas chromatographic separation. Non-substituted hydrazones of carbonyl compounds <i>Igor G. Zenkevich, Nikita E. Podol'skii</i>	125
Control of the epoxy resin curing process according to the free bisphenol A content by TLC <i>O.B. Rudakov, E.A. Khorokhordina, S.S. Glazkov, A.M. Khorokhordin, A.S. Gubin</i>	135
Mathematical approach to eliminating the distortions of mass spectra recorded on the slopes of chromatographic peaks <i>Andrey S. Samokhin, Artem E. Gusev, Yury A. Kalambet</i>	144
Simplified method of analysis, control and forecast of high water pollution by separate components <i>O.M. Rosental', L.N. Aleksandrovskaia, A.V. Kirillin</i>	153
Compute analysis of the expert evaluation of the organoleptic indexes of quality of wines <i>A.A. Khalaphyan, Z.A. Temerdashev, T.I. Guguchkina, Yu.Th. Yakuba</i>	161